

March 18, 1955

Dear Phil:

Postscript: Some time ago you sent us some of your 4,5,12 serum. We intended to use this to prepare a 5 reagent to study the phage-conversions of 4,12 typhimurium to 4,5,12. The present status is a mess. While the 5 reagent you had sent us did discriminate between 4,12 and 4,12-lysogenized, the one that was prepared here from that serum did not, although it was a successful reagent for other stocks labelled 4,5,12.

That was the principal reason we asked (or begged) you for a bit more of your 5 reagent. We would also like to follow your procedure to prepare more, but in view of our first bad luck we thought we had better find out exactly which 4,12 "copenhagen" you use to absorb the 4,5,12 (4937-50) serum in preparing anti-5.

Sincerely,

 Joshua Lederberg